

Operating Engineers and Other Construction Equipment Operators (47-2073)

Occupation description: Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement. May repair and maintain equipment in addition to other duties. Excludes "Crane and Tower Operators" (53-7021) and "Extraction Workers" (47-5000).

Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	3,233	3,514	8.7	28	98	126
United States	349,100	431,000	23.5	8,190	8,090	16,280

Job outlook

Alaska: Alaska's employment growth is low with very high employment opportunities. [Read more.](#)

2013 Wages ?

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	22.63	n/a	13.26	20.45	35.52
Alaska	29.53	30.36	31.19	23.13	30.00	40.37
Anchorage/Mat-Su Area (MSA)	29.34	30.85	32.36	22.25	30.94	41.06
Fairbanks North Star Borough (MSA)	28.00	29.38	30.76	23.45	29.54	35.76
Southeast Region	30.61	32.45	34.29	24.95	32.02	42.12
Balance of State	28.66	29.89	31.12	23.19	28.60	40.37

Labor Force Indicators

2012 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
4,356	873	20.0	52.9	39.5

2012 Potential Supply

Qualified but working in another occupation	928
Currently employed in a lower paid occupation	328
UI claimants previously working in occupation	1,138

2012 ALEXsys Employment Data

Number of registrants	2,842
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Number of job position postings	206
Ratio of registrants to job position postings	13.8

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: High school diploma or equivalent

Work experience: None

On-the-job training: Moderate-term on-the-job training

Training Resources

	Degree
Alaska Operating Engineers/Employers Training Trust	
Heavy Equipment Operator	
	Degree
Alaska Teamster-Employer Service Training Trust	
Boom Truck Operation	
Mining Safety and Health Administration	
	Degree
Alaska Works	
Pipeline Training	
	Degree
Alaska's Institute of Technology (AVTEC)	
Diesel/Heavy Equipment Technology	Certificate
	Degree
Center for Employment Education	
Mining Safety and Health Administration	
	Degree
Delta Mine Training Center	
Health, Safety, and Environmental	
Surface Mining	
Underground Mine Training	
	Degree
Ilisagvik College	
Construction/Heavy Equipment Operations	Certificate
	Degree

Northern Industrial Training

Heavy Equipment Training - 4 Week, Palmer	Certificate
Heavy Equipment Training - 6 Week, Palmer	Cer/CDL
Heavy Equipment Training - 8 Week, Palmer	CDL
MSHA: Inexperienced Surface Miner, Palmer	

Degree

Southwest Alaska Vocational and Education Center

Heavy Equipment Operator Training	Certificate
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Degree

University of Alaska, Mining and Petroleum Training Service

Mine Safety and Health Administration Part 48 Refresher	
Mine Safety and Health Administration Part 48 Surface New Miner	
Mine Safety and Health Administration Part 48 Underground New Miner	

Degree

Yuut Elitnaurviat

Crane Operator Training 10 Day	
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